



Crop Weather Report

Issue: 08-04
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For the Week Ending:
Apr. 6, 2008

Weather Summary

For the week ending April 6th, Montana received below normal precipitation. Broadus received the most moisture during the week at 1.15 inches. Highs were mostly in the 50s, and lows were mostly in the positive teens. Huntley had the weekly high temperature of 65 degrees, and Wisdom had the low temperature of minus 14 degrees. Topsoil moisture adequate and surplus is 26 percent, below last week's 30 percent and last year's 81 percent. Subsoil moisture adequate and surplus is 16 percent, below last week's 24 percent and last year's 58 percent.

The weather outlook for April 14th through April 20th is for above normal temperatures and below normal precipitation east of the continental divide and for near normal temperatures and below normal precipitation west of the divide. Normal temperatures for this period in Montana are highs in the mid 40s to the upper 50s and lows in the upper teens to the lower 40s.

According to the NRCS, snowpack on April 1st was slightly above average and well above 2007. Mountain snow water content statewide was 108 percent of average and 155 percent of last year. Streamflow forecasts average 87 to 99 percent of normal for Montana.

Livestock Report

Seventy-four percent of pastures are now open for grazing. Range and pasture feed conditions are worse than last year with 14 percent rated good to excellent compared to 35 percent the previous year. More moisture is needed for spring pastures.

| Livestock Table | This Week | Last Week | Last Year |
|---|-----------|-----------|-----------|
| Livestock Birthing | | | |
| Calving Completed | 66 | 53 | 68 |
| Lambing Completed | 49 | 40 | 45 |
| Livestock Grazing | | | |
| Open | 74 | 69 | 71 |
| Difficult | 13 | 15 | 16 |
| Closed | 13 | 16 | 13 |
| Receiving Supplemental Feed | | | |
| Cattle & Calves | 94 | 96 | 88 |
| Sheep & Lambs | 94 | 96 | 89 |
| Range and Pasture Feed Condition | | | |
| Very Poor | 12 | n/a | 3 |
| Poor | 34 | n/a | 19 |
| Fair | 40 | n/a | 43 |
| Good | 12 | n/a | 30 |
| Excellent | 2 | n/a | 5 |

| Soil Moisture Table | This Week | Last Week | Last Year |
|-------------------------|-----------|-----------|-----------|
| Topsoil Moisture | | | |
| Very Short | 30 | 29 | 3 |
| Short | 44 | 41 | 16 |
| Adequate | 26 | 29 | 70 |
| Surplus | 0 | 1 | 11 |
| Subsoil Moisture | | | |
| Very Short | 45 | 30 | 10 |
| Short | 39 | 46 | 32 |
| Adequate | 15 | 23 | 54 |
| Surplus | 1 | 1 | 4 |

| Field Work Table | This Week | Last Week | Last Year |
|---------------------------------------|-----------|-----------|-----------|
| Days Suitable for Field Work | | | |
| Days | 4.2 | n/a | 1.8 |
| Field Tillage Work in Progress | | | |
| None | 72 | n/a | 73 |
| Just Started | 21 | n/a | 19 |
| Well Underway | 7 | n/a | 8 |

Field Crops Report

Winter wheat condition, good to excellent, is below last week and last year with 30 percent good to excellent this week, 34 percent last week, and 68 percent last year. The progress of the winter wheat crop is slower than last year with 62 percent still dormant compared to 12 percent last year. Cool temperatures and dry conditions have slowed winter wheat progress. Farmers have begun planting other small grain crops as well as camelina.

| Crop Progress and Condition Table | This Week | Last Week | Last Year |
|------------------------------------|-----------|-----------|-----------|
| Winter Wheat | | | |
| Very Poor | 7 | 4 | 1 |
| Poor | 16 | 11 | 4 |
| Fair | 47 | 51 | 27 |
| Good | 26 | 31 | 54 |
| Excellent | 4 | 3 | 14 |
| Winter Wheat- Spring Stages | | | |
| Still Dormant | 62 | 71 | 12 |
| Greening | 35 | 28 | 40 |
| Green and Growing | 3 | 1 | 48 |
| Planted | | | |
| Spring Wheat | 8 | n/a | 5 |
| Barley | 5 | n/a | 10 |
| Oats | 2 | n/a | 3 |
| Camelina | 33 | n/a | n/a |

Weather Information for the Week ending 04/06/2008

| Station ID | Precipitation | | | | | | | | | | |
|---|---------------|-----|-----|-----------|-------|-----------------|-------|------|-------------------|-------|------|
| | Temperature | | | This Week | | April 1 to Date | | | October 1 to Date | | |
| | Hi | LOW | AVG | Total | DFN | Total | DFN | %NRM | Total | DFN | %NRM |
| NORTHWEST | | | | | | | | | | | |
| Alberton | 55 | 17 | 35 | 0.03 | -0.18 | 0.02 | -0.16 | 11 | 9.30 | +3.36 | 157 |
| Anaconda | 55 | 7 | 28 | 0.19 | -0.05 | 0.03 | -0.17 | 15 | 6.50 | +1.87 | 140 |
| Clinton | 52 | 13 | 32 | 0.28 | +0.07 | 0.19 | +0.01 | 106 | 8.74 | +1.04 | 114 |
| Corvallis | 57 | 20 | 35 | 0.02 | -0.18 | 0.02 | -0.16 | 11 | 4.35 | -0.10 | 98 |
| Creston | 52 | 20 | 35 | 0.39 | +0.04 | 0.39 | +0.09 | 130 | 4.21 | -4.34 | 49 |
| Deer Lodge | 55 | 10 | 28 | 0.05 | -0.03 | 0.04 | -0.03 | 57 | 2.44 | -0.07 | 97 |
| Drummond | 54 | 10 | 29 | 0.10 | -0.07 | 0.10 | -0.05 | 67 | 4.84 | +0.16 | 103 |
| Hamilton | 54 | 20 | 35 | 0.21 | +0.00 | 0.17 | -0.01 | 94 | 7.50 | +1.38 | 123 |
| Kalispell | 54 | 18 | 35 | 0.07 | -0.17 | 0.07 | -0.14 | 33 | 5.15 | -2.88 | 64 |
| Missoula | 55 | 19 | 36 | 0.10 | -0.11 | 0.10 | -0.08 | 56 | 4.83 | -1.11 | 81 |
| Olney | 49 | 9 | 29 | 0.00 | -0.28 | 0.00 | -0.24 | 0 | 12.72 | +0.64 | 105 |
| Polson | 51 | 18 | 35 | 0.11 | -0.16 | 0.11 | -0.13 | 46 | 4.42 | -2.28 | 66 |
| St Ignatius | 54 | 21 | 36 | 0.16 | -0.12 | 0.11 | -0.13 | 46 | 4.16 | -2.32 | 64 |
| Seeley Lake | 51 | 5 | 29 | 0.08 | -0.13 | 0.08 | -0.10 | 44 | 10.75 | -0.99 | 92 |
| Sula | 53 | 9 | 29 | 0.03 | -0.25 | 0.03 | -0.21 | 13 | 5.79 | -0.56 | 91 |
| Superior | 56 | 18 | 35 | 0.08 | -0.19 | 0.08 | -0.15 | 35 | 9.21 | +0.63 | 107 |
| Swan Lake | 51 | 13 | 32 | 0.55 | +0.20 | 0.55 | +0.25 | 183 | 17.16 | +0.29 | 102 |
| Thompson Falls | 55 | 22 | 39 | 0.33 | -0.02 | 0.17 | -0.13 | 57 | 16.33 | +2.50 | 118 |
| West Glacier | 50 | 13 | 33 | 0.20 | -0.16 | 0.19 | -0.12 | 61 | 18.37 | +2.44 | 115 |
| NORTH CENTRAL | | | | | | | | | | | |
| Chester | 53 | 6 | 32 | 0.00 | -0.14 | 0.00 | -0.12 | 0 | 1.63 | -0.89 | 65 |
| Chinook | 55 | 12 | 32 | 0.01 | -0.13 | 0.00 | -0.12 | 0 | 2.23 | -0.97 | 70 |
| Choteau | 53 | 12 | 33 | 0.23 | +0.14 | 0.23 | +0.15 | 288 | 2.59 | +0.73 | 139 |
| Cut Bank | 51 | 15 | 32 | 0.02 | -0.12 | 0.02 | -0.10 | 17 | 0.95 | -1.63 | 37 |
| Ft Assinniboine | 54 | 13 | 33 | 0.00 | -0.15 | 0.00 | -0.13 | 0 | 1.68 | -1.70 | 50 |
| Fort Benton | 54 | 6 | 31 | 0.23 | +0.02 | 0.23 | +0.05 | 128 | 2.74 | -1.12 | 71 |
| Goldbutte | 54 | 15 | 34 | 0.04 | -0.17 | 0.00 | -0.18 | 0 | 2.28 | -1.05 | 68 |
| Harlem | 56 | 7 | 34 | 0.00 | -0.10 | 0.00 | -0.09 | 0 | 1.46 | -1.10 | 57 |
| Havre | 53 | 13 | 34 | 0.00 | -0.14 | 0.00 | -0.12 | 0 | 1.48 | -1.77 | 46 |
| Malta | 54 | 13 | 35 | 0.00 | -0.14 | 0.00 | -0.12 | 0 | 3.67 | +0.58 | 119 |
| Rudyard | 55 | -2 | 30 | 0.30 | +0.22 | 0.30 | +0.23 | 429 | 0.99 | -0.92 | 52 |
| Shelby | 51 | 15 | 34 | 0.00 | -0.19 | 0.00 | -0.17 | 0 | 1.29 | -1.84 | 41 |
| Turner | 54 | 6 | 33 | 0.00 | -0.07 | 0.00 | -0.06 | 0 | 1.22 | -1.10 | 53 |
| Valier | 52 | 11 | 33 | 0.10 | -0.04 | 0.10 | -0.02 | 83 | 2.12 | -0.33 | 87 |
| NORTHEAST | | | | | | | | | | | |
| Bredette | 55 | 16 | 34 | 0.00 | -0.14 | 0.00 | -0.12 | 0 | 2.79 | +0.24 | 109 |
| Culbertson | 56 | 12 | 33 | 0.00 | -0.14 | 0.00 | -0.12 | 0 | 2.22 | -0.60 | 79 |
| Glasgow | 56 | 15 | 34 | 0.01 | -0.13 | 0.01 | -0.11 | 8 | 2.32 | -0.37 | 86 |
| Glendive | 60 | 18 | 37 | 0.07 | -0.14 | 0.07 | -0.11 | 39 | 1.88 | -1.53 | 55 |
| Jordan | 56 | 13 | 33 | 0.32 | +0.18 | 0.32 | +0.20 | 267 | 3.68 | +0.23 | 107 |
| Nashua | 56 | 13 | 34 | 0.00 | -0.14 | 0.00 | -0.12 | 0 | 2.07 | -0.35 | 86 |
| Opheim | 52 | 9 | 31 | 0.00 | -0.07 | 0.00 | -0.06 | 0 | 2.24 | +0.04 | 102 |
| Plentywood | 54 | 12 | 32 | 0.00 | -0.14 | 0.00 | -0.12 | 0 | 2.15 | -0.75 | 74 |
| St Marie | 54 | 17 | 34 | 0.00 | -0.14 | 0.00 | -0.12 | 0 | 2.01 | -0.68 | 75 |
| Scobey | 55 | 10 | 33 | 0.00 | -0.14 | 0.00 | -0.12 | 0 | 2.93 | +0.53 | 122 |
| Sidney | 59 | 15 | 35 | 0.13 | -0.07 | 0.06 | -0.12 | 33 | 1.84 | -1.83 | 50 |
| Wolf Point | 57 | 11 | 33 | 0.00 | -0.14 | 0.00 | -0.12 | 0 | 1.49 | -1.29 | 54 |
| CENTRAL | | | | | | | | | | | |
| Cascade | 54 | 11 | 32 | 0.85 | +0.64 | 0.80 | +0.62 | 444 | 5.40 | +1.68 | 145 |
| Grass Range | 56 | 13 | 33 | 0.08 | -0.20 | 0.08 | -0.16 | 33 | 4.04 | -0.50 | 89 |
| Great Falls | 54 | 17 | 33 | 0.34 | +0.06 | 0.34 | +0.10 | 142 | 3.17 | -1.50 | 68 |
| Harlowton | 52 | 7 | 28 | 0.04 | -0.20 | 0.04 | -0.17 | 19 | 4.19 | +0.60 | 117 |
| Helena | 56 | 18 | 35 | 0.17 | +0.03 | 0.17 | +0.05 | 142 | 2.71 | -0.56 | 83 |
| Lewistown | 53 | 15 | 30 | 0.03 | -0.25 | 0.03 | -0.21 | 13 | 2.75 | -2.78 | 50 |
| Martinsdale | 53 | 10 | 31 | 0.11 | -0.10 | 0.04 | -0.14 | 22 | 3.53 | +0.01 | 100 |
| Neihart | 48 | 4 | 28 | 0.84 | +0.49 | 0.25 | -0.05 | 83 | 7.42 | +0.70 | 110 |
| Rogers Pass | 54 | 6 | 30 | 0.13 | -0.15 | 0.10 | -0.14 | 42 | 3.65 | -1.81 | 67 |
| Roundup | 61 | 15 | 37 | 0.00 | -0.21 | 0.00 | -0.18 | 0 | 2.65 | -0.82 | 76 |
| Ryegate | 61 | 10 | 31 | 0.17 | -0.04 | 0.07 | -0.11 | 39 | 3.11 | -0.27 | 92 |
| Stanford | 52 | 13 | 31 | 0.27 | -0.01 | 0.17 | -0.07 | 71 | 3.77 | -0.95 | 80 |
| Townsend | 58 | 12 | 32 | 0.17 | +0.03 | 0.17 | +0.05 | 142 | 2.36 | -0.25 | 90 |
| Valentine | 55 | 9 | 31 | 0.04 | -0.13 | 0.04 | -0.11 | 27 | 2.73 | -0.84 | 76 |
| Wht Sulphur Spr | 52 | 9 | 28 | 0.26 | +0.05 | 0.26 | +0.08 | 144 | 3.93 | +0.13 | 103 |
| SOUTHWEST | | | | | | | | | | | |
| Boulder | 53 | 11 | 30 | 0.06 | -0.08 | 0.05 | -0.07 | 42 | 2.72 | -0.24 | 92 |
| Bozeman | 53 | 11 | 31 | 0.45 | +0.03 | 0.15 | -0.21 | 42 | 8.72 | +1.86 | 127 |
| Butte | 51 | 11 | 26 | 0.07 | -0.14 | 0.06 | -0.12 | 33 | 2.24 | -1.72 | 57 |
| Dillon | 51 | 16 | 30 | 0.06 | -0.09 | 0.03 | -0.10 | 23 | 2.96 | +0.59 | 125 |
| Ennis | 50 | 14 | 29 | 0.04 | -0.22 | 0.01 | -0.22 | 4 | 5.13 | +0.98 | 124 |
| Lakeview | 48 | 8 | 27 | 0.05 | -0.30 | 0.00 | -0.30 | 0 | 7.58 | -0.11 | 99 |
| W Yellowstone | 47 | 6 | 23 | 0.30 | -0.05 | 0.12 | -0.18 | 40 | 11.82 | +0.31 | 103 |
| Wisdom | 40 | -14 | 14 | 0.05 | -0.14 | 0.05 | -0.12 | 29 | 5.75 | +1.51 | 136 |
| SOUTH CENTRAL | | | | | | | | | | | |
| Billings | 61 | 17 | 38 | 0.07 | -0.28 | 0.07 | -0.23 | 23 | 4.03 | -1.51 | 73 |
| Cooke City | 50 | 7 | 28 | 0.09 | -0.33 | 0.00 | -0.36 | 0 | 5.32 | -7.06 | 43 |
| Gardiner | 48 | 13 | 31 | 0.12 | +0.02 | 0.00 | -0.08 | 0 | 3.82 | +0.55 | 117 |
| Hardin | 64 | 15 | 39 | 0.00 | -0.25 | 0.00 | -0.22 | 0 | 2.92 | -1.32 | 69 |
| Huntley | 65 | 15 | 37 | 0.01 | -0.28 | 0.01 | -0.24 | 4 | 3.95 | -0.71 | 85 |
| Hysham | 60 | 15 | 39 | 0.00 | -0.21 | 0.00 | -0.18 | 0 | 3.07 | -1.05 | 75 |
| Joliet | 61 | 6 | 32 | 0.27 | -0.09 | 0.11 | -0.20 | 35 | 4.25 | -1.64 | 72 |
| Livingston | 57 | 7 | 32 | 0.30 | +0.02 | 0.30 | +0.06 | 125 | 3.98 | -0.77 | 84 |
| Nye | 54 | 10 | 32 | 0.46 | +0.08 | 0.00 | -0.33 | 0 | 5.20 | -0.45 | 92 |
| Rapelje | 61 | 1 | 34 | 0.06 | -0.23 | 0.06 | -0.19 | 24 | 3.62 | -1.35 | 73 |
| SOUTHEAST | | | | | | | | | | | |
| Albion | 59 | 11 | 33 | 0.60 | +0.34 | 0.60 | +0.37 | 261 | 3.45 | +0.15 | 105 |
| Baker | 58 | 17 | 34 | 0.06 | -0.20 | 0.06 | -0.17 | 26 | 1.32 | -2.96 | 31 |
| Broadus | 60 | 14 | 36 | 1.15 | +0.87 | 1.07 | +0.83 | 446 | 3.04 | -1.34 | 69 |
| Ekalaka | 54 | 12 | 34 | 0.10 | -0.24 | 0.05 | -0.25 | 17 | 2.74 | -2.46 | 53 |
| Miles City | 60 | 20 | 37 | 0.05 | -0.20 | 0.05 | -0.17 | 23 | 0.67 | -3.10 | 18 |
| Plevna | 58 | 12 | 34 | 0.09 | -0.17 | 0.00 | -0.23 | 0 | 1.60 | -2.68 | 37 |
| Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1970-2000. | | | | | | | | | | | |